

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Juan, Puerto Rico

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

February

2012

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Althea Austin-Smith,
Service Hydrologist

DATE

03/08/2012

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

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An X inside this box indicates that no flooding occurred within this hydrologic service area.

Summary: The San Juan ASOS reported 1.97 inches of rain for the month of February; 0.42 inches less than the normal of 2.39 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.00 inches for the month of February; 0.43 inches less than the normal of 1.43 inches.

"A generally fair and mainly dry weather pattern prevailed across the local islands during the first two weeks of February with just passing showers along the north and east coast of Puerto Rico as well as over the U.S. Virgin Islands. This pattern of limited low level moisture and stable conditions helped to suppress significant afternoon convection across Puerto Rico. By mid-February, afternoon showers were noted each day across the interior and west sections of Puerto Rico due to diurnal heating combined with an increase in low level moisture and enough upper level dynamics. The remainder of February was dominated by a return to high pressure ridge and its associated fair weather pattern across the local islands."

"Please see (<http://www.srh.noaa.gov/sju/?n=feb2012cr>) for February's Climate Report.

Another relatively dry month across the region with rainfall just around or slightly below normal. The only gaged location that exceeded flood stage was the Rio Cibuco at Vega Baja where minor flooding was noted.

The approximate amounts of Hydrologic Products issued during the month of February are as follows:

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	0
Flood Warnings (SJUFLWSJU)	2
Flash Flood Warnings (SJUFFWSJU)	0
Flash Flood Statements (SJUFFSSJU)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	8

For monthly "radar totals" use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on the Precipitation interface for San Juan, Puerto Rico and request the duration you would like to view...daily or monthly remembering that the 24 hour totals are from 12z - 12z (8am to 8am in PR) - [AHPS archive of radar totals/ images](#). Here are the [February 2012 totals](#).